

# Welcome to DialogClassic Web(tm)

Dialog level 04.20.00D

Last logoff: 03sep04 18:02:31

Logon file405 06jan05 20:21:06

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--Important Notice to Freelance Authors--

See HELP FREELANCE for more information

\*\*\*

## NEW FILES RELEASED

\*\*\*German Patents Fulltext (File 324)

\*\*\*Beilstein Abstracts (File 393)

\*\*\*Beilstein Facts (File 390)

\*\*\*Beilstein Reactions (File 391)

\*\*\*

\*\*\*

## REMOVED

\*\*\*Info Sci & Tech Abs (File 202)

\*\*\*Internet & Personal Comp Abs (File 233)

\*\*\*CanCorp Financials (File 491)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<

>>> of new databases, price changes, etc. <<<

\*\*\*\*

HIGHLIGHT set on as ' '

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

## Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

## Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

?

B IGOR705

>>> 77 does not exist

>>> 233 does not exist

>>>2 of the specified files are not available

06jan05 20:22:57 User268082 Session D71.1

\$0.00 0.321 DialUnits FileHomeBase

\$0.00 Estimated cost FileHomeBase

\$0.50 INTERNET

\$0.50 Estimated cost this search

\$0.50 Estimated total session cost 0.321 DialUnits

SYSTEM:OS - DIALOG OneSearch

# Best Available Copy

<http://www.dialogclassic.com/268082RB.HTML?>

1/6/05

File 2:INSPEC 1969-2004/Dec W2  
(c) 2004 Institution of Electrical Engineers

**\*File 2: Price change effective Jan 1, 2005. Enter HELP**  
**RATES 2** for details.

File 9:Business & Industry(R) Jul/1994-2005/Jan 05  
(c) 2005 The Gale Group

File 15:ABI/Inform(R) 1971-2005/Jan 06  
(c) 2005 ProQuest Info&Learning

**\*File 15: Alert feature enhanced for multiple files, duplicate**  
**removal, customized scheduling. See HELP ALERT.**

File 16:Gale Group PROMT(R) 1990-2005/Jan 06  
(c) 2005 The Gale Group

**\*File 16: Alert feature enhanced for multiple files, duplicate**  
**removal, customized scheduling. See HELP ALERT.**

File 20:Dialog Global Reporter 1997-2005/Jan 06  
(c) 2005 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2004/Dec  
(c) 2004 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Jan W1  
(c) 2005 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Nov  
(c) 2004 The HW Wilson Co.

File 148:Gale Group Trade & Industry DB 1976-2005/Jan 06  
(c)2005 The Gale Group

**\*File 148: Alert feature enhanced for multiple files, duplicate**  
**removal, customized scheduling. See HELP ALERT.**

File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 256:TecInfoSource 82-2004/Dec  
(c) 2004 Info.Sources Inc

File 275:Gale Group Computer DB(TM) 1983-2005/Jan 06  
(c) 2005 The Gale Group

File 347:JAPIO Nov 1976-2004/Aug(Updated 041203)  
(c) 2004 JPO & JAPIO

**\*File 347: JAPIO data problems with year 2000 records are now fixed.**  
**Alerts have been run. See HELP NEWS 347 for details.**

File 348:EUROPEAN PATENTS 1978-2004/Dec W04  
(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041230,UT=20041223  
(c) 2004 WIPO/Univentio

File 474:New York Times Abs 1969-2005/Jan 05  
(c) 2005 The New York Times

File 475:Wall Street Journal Abs 1973-2005/Jan 04  
(c) 2005 The New York Times

File 476:Financial Times Fulltext 1982-2005/Jan 06  
(c) 2005 Financial Times Ltd

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

**\*File 583: This file is no longer updating as of 12-13-2002.**

File 610:Business Wire 1999-2005/Jan 06  
(c) 2005 Business Wire.

**\*File 610: File 610 now contains data from 3/99 forward.**  
**Archive data (1986-2/99) is available in File 810.**

File 613:PR Newswire 1999-2005/Jan 06  
(c) 2005 PR Newswire Association Inc

**\*File 613: File 613 now contains data from 5/99 forward.**  
**Archive data (1987-4/99) is available in File 813.**

File 621:Gale Group New Prod.Annou. (R) 1985-2005/Jan 06  
(c) 2005 The Gale Group

File 624:McGraw-Hill Publications 1985-2005/Jan 06

(c) 2005 McGraw-Hill Co. Inc

**\*File 624: Homeland Security & Defense and 9 Platt energy journals added**

Please see HELP.NEWS624 for more...

File 634:San Jose Mercury Jun 1985-2004/Dec 31

(c) 2005 San Jose Mercury News

File 636:Gale Group Newsletter DB(TM) 1987-2005/Jan 06

(c) 2005 The Gale Group

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

Set	Items	Description
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-----	-------	-------

?

S UNMATCHED (W) INVOIC???

166264 UNMATCHED

204745 INVOIC???

S1 14 UNMATCHED (W) INVOIC???

?

S THREE (W) WAY (W) MATCH

Processing

Processed 10 of 27 files ...

Completed processing all files

17809671 THREE

11822939 WAY

2140690 MATCH

S2 197 THREE (W) WAY (W) MATCH

?

S S 1 AND S2

0 S 1

197 S2

S3 0 S 1 AND S2

?

S (GOODS (W) RECEIVED (W) RECEIPT) (S) (COMPAR??? OR MATCH???) (S) PRICE (S) QUANTI

Processed 10 of 27 files ...

Processing

Completed processing all files

2763763 GOODS

6388083 RECEIVED

778226 RECEIPT

7837683 COMPAR???

3384244 MATCH???

8842637 PRICE

947624 QUANTITY

S4 0 (GOODS (W) RECEIVED (W) RECEIPT) (S) (COMPAR??? OR  
MATCH???) (S) PRICE (S) QUANTITY

?

S DS

S5 157121 DS

?

Set	Items	Description
-----	-------	-------------

S1	14	UNMATCHED (W) INVOIC???
----	----	-------------------------

S2 197 THREE (W) WAY (W) MATCH  
 S3 0 S 1 AND S2  
 S4 0 (GOODS (W) RECEIVED (W) RECEIPT) (S) (COMPAR??? OR MATCH??-  
 ?) (S) PRICE (S) QUANTITY  
 S5 157121 DS  
 ?

S THREE (W) WAY (W) MATCH (W) INVOICE??  
 17809671 THREE  
 11822939 WAY  
 2140690 MATCH  
 167476 INVOICE??  
 S6 0 THREE (W) WAY (W) MATCH (W) INVOICE??  
 ?

Set	Items	Description
S1	14	UNMATCHED (W) INVOIC???
S2	197	THREE (W) WAY (W) MATCH
S3	0	S 1 AND S2
S4	0	(GOODS (W) RECEIVED (W) RECEIPT) (S) (COMPAR??? OR MATCH??- ?) (S) PRICE (S) QUANTITY
S5	157121	DS
S6	0	THREE (W) WAY (W) MATCH (W) INVOICE??
?		

T S1/3,K/1-14

1/3,K/1 (Item 1 from file: 15)  
 DIALOG(R)File 15:ABI/Inform(R)  
 (c) 2005 ProQuest Info&Learning. All rts. reserv.

02494999 116355923

# Case study on exceptions

Saastamoinen, Heikki

Information Technology & People v8n4 PP: 48 1995

ISSN: 0959-3845 JRNL CODE: OTP

WORD COUNT: 12351

...ABSTRACT: Saastamoinen examines their effect on rules. A case study of a factory purchasing process, including **unmatched invoices**, costs, classification and strategic changes, is provided. In this case, an administrative practitioner faced with...

...TEXT: the finance department. A problem common to both the purchasing and finance departments, that of **unmatched invoices**, led to a meeting which resulted in the authorization of a study to discover the real extent and importance of the problem. The problem of **unmatched invoices** and the study itself are described in detail in the third section. A look into ... Some people simply forgot to fill in the form some days or after some exceptions.

**Unmatched invoices** were known to be a very common problem in transaction verification. However, they are not...

... was already known from a survey carried out by the finance department. The problem of **unmatched invoices** is discussed in detail later.

## Classification of detected exceptions

To understand the kinds of the... items does not match the number of

invoiced units, the invoice does not match.

These **unmatched invoices** are exceptions for transaction verifiers. When they verify an invoice, they are supposed to be...  
... been delivered but are not yet in the storage database, or they can compare an **unmatched invoice** to other orders from the same supplier in order to find out whether an invoice...

... sometimes applicable, there are no rules that indicate which method might produce a solution. Thus, **unmatched invoices** can often be classified as established exceptions. Sometimes there seems to be no method for verifying an invoice at all, in which case an **unmatched invoice** is an otherwise exception for the transaction verifiers.

#### Preliminary survey on **unmatched invoices**

An **unmatched invoice** was a previously well-known problem. To find out the approximate severity of the problem...

... restricted to those invoices that had a corresponding order sent to a domestic supplier.

Those **unmatched invoices** were grouped into 17 categories according to the suspected or real reason for the situation...

...idea of the different kinds of exceptions and is presented in Table XII.  
Survey on **unmatched invoices**

To obtain a more thorough picture of the problem, a new survey was launched in...

... normal events, exceptions, and variations is summarized in Table XIII . Note that the number of **unmatched invoices** is not equal to the number of exceptions because there was sometimes more than one...

... were sent to the purchaser responsible for the corresponding order. If the reason for an **unmatched invoice** lay in price, terms of payment, discount, terms of delivery, terms of shipment, or missing...purchasers. In 122 cases the purchasers did not further elaborate on the reasons for the **unmatched invoices** : problems in price, terms of payment, discount, terms of delivery, terms of shipment, or receiving...

...explained the importance of completely filling in research sheets. There were 113 of these unexplained, **unmatched invoices** with a maximum of two unspecified exceptions per invoice.

Even though the purchasers would have...

... the invoice and on the receiving information retrieved from the storage database. A reason for **unmatched invoices** was discovered in all but 65 cases. To avoid errors in the data, those cases...

... Table XV. Variations account for 99 of the exceptions (see Kunin, 1982; Saastamoinen, 1993). Those **unmatched invoices** were sent to the purchasers because of the organization's way of handling documents.

The... exceptions delayed the starting time for handling the events. Transaction verifiers could not handle an **unmatched invoice** before a purchaser had decided what to do with it. In terms of the amount...

... purchaser codes, the number of orders they sent out in April 1993, the

number of **unmatched invoices** detected, order/ **unmatched invoice** ratio, percentage of exceptions caused by purchasers, and percentage of exceptions caused by suppliers. Note....

... months, and it was thus impossible to state precisely the actual ratio between orders and **unmatched invoices** .

The column labels in Table XX have the following meanings: Purchaser No. is purchaser identification number; Orders is number of orders made in April 1993; Unmatched is number of **unmatched invoices** detected by the study; Ratio is percentage of **unmatched invoices** compared to number of orders made in April 1993; Purchaser caused (per cent) is percentage...

...would have been difficult to make reliable observations of the time they used to handle **unmatched invoices** because they would have had a certain interest in altering their pace or methods of...took an average time of two minutes and 40 seconds while the handling of an **unmatched invoice** took five minutes and 44 seconds. Thus the handling of exceptions took three minutes four...

... the number of cases is large enough, the total amount can be significant. All the **unmatched invoices** and the corresponding orders were inspected and the costs and reasons for unnecessary payments were...

...led to reclamation against them: usually there was no protest other than individual frustration with **unmatched invoices** .

When the results of the survey were analysed by the control committee, the cases related... to expand the extent of control. Now a book is kept recording the number of **unmatched invoices** caused by each purchaser. The number is then evaluated in conjunction with the number of...  
...routines to handle them.

The case study shows that exceptions are not big surprises. Like **unmatched invoices** , most exceptions detected in the follow-up study in the purchasing department were established exceptions...

... causes a delay in handling or not seems to be task or system related. All **unmatched invoices** were delayed exceptions: the transaction verifier, after sending an **unmatched invoice** to a purchaser, had to wait an average of nine days before the purchaser sent...

...that 56.6 per cent of the exceptions raised in the purchasing department and all **unmatched invoices** were laborious. The survey showed that 94.5 per cent of exceptions were harmful since...

... department 96.2 per cent are on the employee level (see Table IX). However, all **unmatched invoices** are organization level exceptions since their handling requires the co-operation of at least two...found staff carelessness to be a major reason for such exceptions. In the case of **unmatched invoices** , it is impossible to determine reliably whether an exception was the consequence of staff carelessness...

...on the time required to handle exceptions. Although the handling time of an exception (an **unmatched invoice** ) was more than twice that of a normal event (a matched invoice) as presented in...

...time employees.

The handling time made exceptions an economically significant problem. The annual cost of **unmatched invoices** is more than \$100,000. This figure

includes both the unjustified payments and the handling...XI; . Types of rule base updates; Table XII; . Results of preliminary survey on courses of **unmatched invoices** ; Table XIII; . Distribution of all cases; Figure 1; . The process of collecting data about **unmatched invoices** by using a special research sheet.; Table XIV; . Exceptions further explained by purchasers; Table XV...

**1/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01113099 97-62493

**Lockbox solutions that improve the application rate**  
Carnprobst, Blaine  
Corporate Cashflow v16n11 PP: 52-56 Nov 1995  
ISSN: 1040-0311 JRNL CODE: CFL  
WORD COUNT: 1503

...TEXT: processing identifies incorrect invoice numbers followed by a look-up against the open invoice file. **Unmatched invoice** numbers are systematically assigned to a default account number.

Example of algorithms that can be...

...it can be done for your invoice numbers.

2 Another open-invoice matching service routes **unmatched invoices** to a reject processor. The reject processor then compares the lockbox data file to the...

**1/3,K/3 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00753735 94-03127

**Software rejuvenates cash flow**  
Kautz, Bill  
Business Credit v95n8 PP: 36 Sep 1993  
ISSN: 0897-0181 JRNL CODE: CFM  
WORD COUNT: 576

...TEXT: accounts that do not match. I can then concentrate on the small percentage of open/ **unmatched invoices** , amounts that do not have a matching invoice number, and related discrepancies. Within an hour...

**1/3,K/4 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

08059686 Supplier Number: 67141983 (USE FORMAT 7 FOR FULLTEXT)

**Lawson Announces Release of Lawson Insight 8 Series.**  
Business Wire, p2562  
Nov 20, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 865

... and scale multiple tenants  
on one set of applications.

-- e-Payables - delivers online reconciliation of **unmatched**  
**invoices** .

-- Billing and Revenue Management - allows for full integration of financial  
data and analysis through activity...

**1/3,K/5 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2005 The Gale Group. All rts. reserv.

03328081 Supplier Number: 44603428 (USE FORMAT 7 FOR FULLTEXT)  
**World Bank Seeks Card Bids**  
Business Travel News, p14  
April 18, 1994  
Language: English Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 158

... centrally billed charge accounts in conjunction with its two travel  
agencies and to help process **unmatched invoice** items.  
Also, the World Bank is seeking a card vendor that will issue  
individual cards...

**1/3,K/6 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2005 The Dialog Corp. All rts. reserv.

13867269 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Lawson Announces Release of Lawson.Insight 8 Series**  
BUSINESS WIRE  
November 20, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 945

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and scale multiple tenants on one set of applications.  
-- e-Payables - delivers online reconciliation of **unmatched**  
**invoices** .  
-- Billing and Revenue Management - allows for full integration of  
financial data and analysis through activity...

**1/3,K/7 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

12807266 SUPPLIER NUMBER: 67141983 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Lawson Announces Release of Lawson.Insight 8 Series.**  
Business Wire, 2562  
Nov 20, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 865 LINE COUNT: 00094



... and scale multiple tenants  
on one set of applications...

-- e-Payables - delivers online reconciliation of **unmatched invoices** .

-- Billing and Revenue Management - allows for full integration of financial data and analysis through activity...

**1/3,K/8 (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

08572871 SUPPLIER NUMBER: 18148819 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Breakthroughs in remittance processing: lockbox solutions that improve the application rate.**  
Carnprobst, Blaine  
Corporate Cashflow Magazine, v16, n11, p52(3)  
Nov, 1995  
ISSN: 1040-0311 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1642 LINE COUNT: 00135

... processing identifies incorrect invoice numbers followed by a look-up against the open invoice file. **Unmatched invoice** numbers are systematically assigned to a default account number.  
Examples of algorithms that can be...

...it can be done for your invoice numbers.  
2 Another open-invoice matching service routes **unmatched invoices** to a reject processor. The reject processor then compares the lockbox data file to the...

**1/3,K/9 (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2005 The Gale Group. All rts. reserv.

06720957 SUPPLIER NUMBER: 14510255 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Auto Clear. (financial software) (Software Review) (Evaluation)**  
Kautz, Bill; Conrad, Ron  
Business Credit, v95, n8, p36(1)  
Sept, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0897-0181 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 614 LINE COUNT: 00048

... accounts that do not match. I can then concentrate on the small percentage of open/ **unmatched invoices** , amounts that do not have a matching invoice number, and related discrepancies. Within an hour...

**1/3,K/10 (Item 1 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2005 The Gale Group. All rts. reserv.

01787564 SUPPLIER NUMBER: 16915945 (USE FORMAT 7 OR 9 FOR FULL TEXT)

WAN solution means less time on phone. (Special Report: Workgroup Computing)  
Gittins, Tim  
PC User, n251, .ps25(1).  
Jan 25, 1995  
ISSN: 0263-5720      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 606      LINE COUNT: 00053

... used to index the document, automatically match and marry the invoice, and then progress payment. **Unmatched invoices** are sent across the network to a supervisor, who checks and authorises them.  
Automatic payment...

1/3,K/11      (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2005 Financial Times Ltd. All rts. reserv.

0007552140 BOEJYD1AEMFT  
**UK Company News: The mother of kitchen sink dramas - The row brewing over continuing losses at Pentos**  
RAYMOND SNODDY and PAUL TAYLOR  
Financial Times, P 22,  
Tuesday, October 25, 1994  
DOCUMENT TYPE: NEWSPAPER      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
Word Count: 768

...rather than the beginning, uncertainty over how many gift vouchers had been issued or redeemed, **unmatched invoices** and overdue personal debts on books.

'The first write-offs were not the kitchen sink...

1/3,K/12      (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2005 Business Wire. All rts. reserv.

00413552 20001120325B1409 (USE FORMAT 7 FOR FULLTEXT)  
**Lawson Announces Release of Lawson Insight 8 Series reates B2(x) Standard to Extend e-Businesses Beyond B2B/B2C; Delivers True 360 Degree e-Business Solution for Improved Efficiencies**  
Business Wire  
Monday, November 20, 2000 13:02 EST  
JOURNAL CODE: BUSINESS WIRE, COMTEX      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 937

...and scale multiple  
tenants on one set of applications.

-- e-Payables - delivers online reconciliation of unmatched invoices .  
-- Billing and Revenue Management - allows for full integration of financial data and analysis through activity...

1/3,K/13      (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod. Annou. (R)  
(c) 2005 The Gale Group. All rts. reserv.

02731020 Supplier Number: 67141983 (USE FORMAT 7 FOR FULLTEXT)

Lawson Announces Release of Lawson Insight 8 Series.

Business Wire, p2562

Nov 20, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 865

... and scale multiple tenants  
on one set of applications.

-- e-Payables - delivers online reconciliation of unmatched  
invoices .

-- Billing and Revenue Management - allows for full integration of financial  
data and analysis through activity...

1/3,K/14 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0796222 BW1026

LAWSON SOFTWARE: Lawson Features New Retail Market Advantages at NRF '98;  
Invoice Match and Vendor Terms Management Benefit Large Chains

January 19, 1998

Byline: Business Editors

...or summary.

On-line reconciliation is a key benefit, giving retailers the  
ability to review unmatched invoices on-line, adjust and resubmit as  
needed, saving considerable resources used in manually matching  
rejected...

?

T S1/9/1

1/9/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02494999 116355923

Case study on exceptions

Saastamoinen, Heikki

Information Technology & People v8n4 PP: 48 1995 ISSN: 0959-3845

JRNL CODE: OTP

DOC TYPE: Periodical; Feature LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 12351

ABSTRACT: Saastamoinen discusses exceptions in office work and the link  
between rules and exceptions in office information systems. After  
describing the nature of exceptions, Saastamoinen examines their effect on  
rules. A case study of a factory purchasing process, including unmatched  
invoices , costs, classification and strategic changes, is provided. In

Example of algorithms that can be performed include identifying missing prefix or suffix characters of an invoice number based on the digits that are present. This type of processing brings good results if it can be done for your invoice numbers.

2 Another open-invoice matching service routes unmatched invoices to a reject processor. The reject processor then compares the lockbox data file to the open-invoice file. Corrections and modifications are made within a set of given parameters within a set of given parameters for each lockbox customer.

3 Rather than performing any initial data key-entry, the lockbox processor can capture data while accessing the open-invoice file. This allows the processor to validate all payments to outstanding invoices before capturing data for transmission. This option is the most labor-intensive and usually is an expensive form of open-invoice matching.

Blaine Carnprobst is senior product manager for Mellon Bank's wholesale lockbox network, Pittsburgh.

THIS IS THE FULL-TEXT. Copyright Argus Business, a Division of Argus Inc. 1995

GEOGRAPHIC NAMES: US

DESCRIPTORS: Lockboxes; Cash management services; Accounts receivable; Bank services; Problem solving

CLASSIFICATION CODES: 8110 (CN=Commercial banking); 9190 (CN=United States); 3100 (CN=Capital & debt management)

?

Set	Items	Description
S1	14	UNMATCHED (W) INVOIC???
S2	197	THREE (W) WAY (W) MATCH
S3	0	S 1 AND S2
S4	0	(GOODS (W) RECEIVED (W) RECEIPT) (S) (COMPAR??? OR MATCH??-?) (S) PRICE (S) QUANTITY
S5	157121	DS
S6	0	THREE (W) WAY (W) MATCH (W) INVOICE??

?

S (GOODS (W) RECEIVED (W) RECEIPT)

2763763 GOODS

6388083 RECEIVED

778226 RECEIPT

S7 0 (GOODS (W) RECEIVED (W) RECEIPT)

?

B 637

06jan05 20:43:45 User268082 Session D71.2

\$1.04 0.126 DialUnits File2

\$1.04 Estimated cost File2

\$0.70 0.130 DialUnits File9

\$0.70 Estimated cost File9

\$1.48 0.274 DialUnits File15

\$4.95 3 Type(s) in Format 3

\$6.80 2 Type(s) in Format 9

\$11.75 5 Types

\$13.23 Estimated cost File15

\$2.31 0.428 DialUnits File16

\$3.10 2 Type(s) in Format 3  
 \$3.10 2 Types  
 \$5.41 Estimated cost File16.  
 \$1.42 1.419 DialUnits File20  
 \$1.45 1 Type(s) in Format 3  
 \$1.45 1 Types  
 \$2.87 Estimated cost File20  
 \$0.32 0.078 DialUnits File35  
 \$0.32 Estimated cost File35  
 \$0.15 0.040 DialUnits File65  
 \$0.15 Estimated cost File65  
 \$0.09 0.038 DialUnits File99  
 \$0.09 Estimated cost File99  
 \$3.43 0.636 DialUnits File148  
 \$4.65 3 Type(s) in Format 3  
 \$4.65 3 Types  
 \$8.08 Estimated cost File148  
 \$0.32 0.060 DialUnits File160  
 \$0.32 Estimated cost File160  
 \$0.17 0.034 DialUnits File256  
 \$0.17 Estimated cost File256  
 \$0.53 0.098 DialUnits File275  
 \$2.30 1 Type(s) in Format 3  
 \$2.30 1 Types  
 \$2.83 Estimated cost File275  
 \$1.44 0.132 DialUnits File347  
 \$1.44 Estimated cost File347  
 \$1.68 0.370 DialUnits File348  
 \$1.68 Estimated cost File348  
 \$2.09 0.440 DialUnits File349  
 \$2.09 Estimated cost File349  
 \$0.13 0.038 DialUnits File474  
 \$0.13 Estimated cost File474  
 \$0.14 0.040 DialUnits File475  
 \$0.14 Estimated cost File475  
 \$0.11 0.112 DialUnits File476  
 \$1.30 1 Type(s) in Format 95 (KWIC)  
 \$1.30 1 Types  
 \$1.41 Estimated cost File476  
 \$0.21 0.064 DialUnits File583  
 \$0.21 Estimated cost File583  
 \$0.14 0.136 DialUnits File610  
 \$1.30 1 Type(s) in Format 3  
 \$1.30 1 Types  
 \$1.44 Estimated cost File610  
 \$0.13 0.128 DialUnits File613  
 \$0.13 Estimated cost File613  
 \$1.13 0.210 DialUnits File621  
 \$1.85 1 Type(s) in Format 3  
 \$1.85 1 Types  
 \$2.98 Estimated cost File621  
 \$0.34 0.060 DialUnits File624  
 \$0.34 Estimated cost File624  
 \$0.08 0.080 DialUnits File634  
 \$0.08 Estimated cost File634  
 \$0.94 0.174 DialUnits File636  
 \$0.94 Estimated cost File636  
 \$0.09 0.088 DialUnits File810  
 \$1.30 1 Type(s) in Format 3  
 \$1.30 1 Types

\$1.39 Estimated cost File810  
       \$0.11     0.106 DialUnits File813  
 \$0.11 Estimated cost File813  
       OneSearch, 27 files, 5.538 DialUnits FileOS  
 \$5.25 INTERNET  
 \$54.97 Estimated cost this search  
 \$55.47 Estimated total session cost   5.859 DialUnits

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?

S (GOODS (W) RECEIVED (W) RECEIPT)

42507   GOODS

22178   RECEIVED

5082    RECEIPT

S1       0   (GOODS (W) RECEIVED (W) RECEIPT)

?

Set       Items   Description

S1           0   (GOODS (W) RECEIVED (W) RECEIPT)

?

S UNMATCHED (W) INVOIC???

157    UNMATCHED

2654   INVOIC???

S2       0   UNMATCHED (W) INVOIC???

?

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